

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008841

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 39, no. 12, December 1996 (1996-12), pages 41-42, XP000686013 ISSN: 0018-8689 the whole document page 2, line 20 - line 25 page 2, line 29 - line 31 page 2, line 33 - line 41	1-9
X	US 6 438 614 B2 (ARNOLD KENNETH ET AL) 20 August 2002 (2002-08-20) column 3, line 10 - line 62; claims 1-22 column 7, line 37 - line 42; figure 4	1-9
X	US 6 052 779 A (JACKSON FREDERICK SAMUEL ET AL) 18 April 2000 (2000-04-18) column 4, line 27 - line 42	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

27 December 2004

Date of mailing of the international search report

11/01/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008841

Information on patent family members				PCI/EP 2004/000014	
Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6438614	B2	15-11-2001	US 2001042091 A1		15-11-2001
			AU 2876899 A		15-09-1999
			CN 1292192 T		18-04-2001
			EP 1072140 A2		31-01-2001
			JP 2002505553 T		19-02-2002
			WO 9944334 A2		02-09-1999
			US 6708171 B1		16-03-2004
			AU 2680299 A		15-09-1999
			AU 2680399 A		15-09-1999
			AU 2680499 A		15-09-1999
			AU 2686699 A		15-09-1999
			AU 2686799 A		15-09-1999
			AU 2766199 A		15-09-1999
			AU 2769899 A		15-09-1999
			AU 2770199 A		15-09-1999
			AU 2770299 A		15-09-1999
			AU 2770399 A		15-09-1999
			AU 2770499 A		15-09-1999
			AU 2770599 A		15-09-1999
			AU 2787699 A		15-09-1999
			AU 2787799 A		15-09-1999
			AU 2787899 A		15-09-1999
			AU 2876999 A		15-09-1999
			AU 2878399 A		15-09-1999
			AU 2878499 A		15-09-1999
			AU 3297199 A		15-09-1999
			AU 3297299 A		15-09-1999
			AU 3300499 A		15-09-1999
			AU 3300599 A		15-09-1999
			AU 3309199 A		15-09-1999
			CN 1292115 T		18-04-2001
			CN 1292116 T		18-04-2001
			CN 1292113 T		18-04-2001
			CN 1292117 T		18-04-2001
			CN 1292118 T		18-04-2001
			CN 1298502 T		06-06-2001
			CN 1298503 T		06-06-2001
			CN 1298504 T		06-06-2001
			CN 1298505 T		06-06-2001
			CN 1298523 T		06-06-2001
			CN 1298524 T		06-06-2001
			CN 1298506 T		06-06-2001
			CN 1298507 T		06-06-2001
			CN 1298508 T		06-06-2001
			CN 1298509 T		06-06-2001
			CN 1298510 T		06-06-2001
			CN 1298511 T		06-06-2001
			CN 1298512 T		06-06-2001
			CN 1298513 T		06-06-2001
			CN 1298514 T		06-06-2001
US 6052779	A	18-04-2000	GB 2328046 A		10-02-1999

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